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Patent No. 5,959,574

LIST OF PATENTS AND PUBLICATIONS
FOR APPLICANT'S INFORMATION
DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT
Aubrey B. Poore, Jr.FILING DATE - Date of
Patent 9/28/99

GROUP

1c9B3 U.S. PTO
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REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	A	5,406,289	4/1995	Barker, et. al.	342/96	
	B	5,537,119	7/1996	Poore, et. al.	342/96	
	C	5,959,574	9/28/1999	Poore, et al.	342/96	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

AA	A.V. Aho, J.E. Hopcroft, and J.D. Ullman. <i>Design and Analysis of Computer Algorithms</i> . Addison-Wesley, MA, 1974.
BB	Y. Bar-Shalom. <i>Multitarget-Multisensor Tracking: Advanced Applications</i> . Artech House, Dedham, MA, 1990.
CC	Y. Bar-Shalom and T.E. Fortmann. <i>Tracking and Data Association</i> . Academic Press, Boston, MA, 1988.
DD	D.P. Bertsekas and D.A. Castañon. A forward/reverse auction algorithm for asymmetric assignment problems. <i>Computational Optimization and Applications</i> , 1: 277-298, 1992)
EE	C.R. Reeves ed. <i>Modern Heuristic Techniques for Combinatorial Problems</i> . Halstead Press, Wiley, New York, NY, 1993.
FF	A.M. Frieze and J. Yadegar. An algorithm for solving 3-dimensional assignment problems with application to scheduling a teaching practice. <i>Journal of the Operational Research Society</i> , 32:989-995, 1981.
GG	M.R. Garey and D.S. Johnson. <i>Computers and Intractability</i> . W.H. Freeman and Company, San Francisco, CA, 1979.

HH	J.J. Goffin. On convergence rates of subgradient optimization methods, <i>Mathematical Programming</i> , 13:329-347, 1977.
II	J.-B. Hiriart-Urruty and C. Lemarèchal. <i>Coonvex Andlysis and Minimization Algorithms I&II</i> . Springer-Verlag, Berlin, 1993.
JJ	K.C. Kiwiel. Methods of descent for nondifferentiable optimization. In A. Dold and B. Eckmann, editors, <i>Lecture Notes in Mathematics</i> , volume 1133, Berlin, 1985. Springer-Verlag.
KK	K.C. Kiwiel. An aggregate subgradient method for non-smooth convex minimization. <i>Mathematical Programming</i> , 27:320-341, 1983.
LL	C. Lemarèchal and R. Mifflin. <i>Nonsmooth Optimization</i> . Pergamon Press, Oxford, UK, 1978.
MM	G.L. Nemhauser and L.A. Wolsey. <i>Integer and Combinatorial Optimization</i> . Wiley, New York, NY, 1988.
NN	O.E. Drummond. Multiple target tracking with multiple frame, probabilistic data association. In <i>Signal and Data Processing of Small Targets, SPIE Proceddings</i> , volume 1954, pages 394-408, 1993.
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QQ	C.H. Papadimitriou and K. Steiglitz. <i>Combinatorial Optimization: Algorithms and Complexity</i> . Prentice-Hall, Inc., Englewood Cliffs, NJ, 1982.
RR	J. Pearl. <i>Heuristics: Intelligent Search Strategies for Computer Problem Solving</i> . Addison-Wesley, Reading, MA, 1984.
SS	W. Pierskalla. The tri-substitution method for the three-dimensional assignment problem. <i>Journal du CORS</i> , 5:71-81, 1967.
TT	B.T. Poljak. Subgradient method: A survey of Soviet research. In C. Lemarèchal and R. Mifflin, editors, <i>Nonsmooth Optimization</i> , pages 5-29, N.Y., 1978. Pergamon Press.
UU	A.B. Poore. Multidimensional assignment formulation of data association problems arising from multitarget tracking and multisensor data fusion. <i>Computational Optimization and Applications</i> , 3:27-57, 1994
VV	A.B. Poore. Multidimensional assignments and multitarget tracking: Partitioning data sets. In P. Hansen, I.J. Cox, and B. Julesz, editors, <i>DIMACS Series in Discrete Mathematics and Theoretical Computer Science</i> , volume 19, pages 169-198, Providence, R.I., 1995. American Mathematical Society.

	WW	A.B. Poore and O.E. Drummond. Track initiation and maintenance using multidimensional assignment problems. In D.W. Hearn, W.W. Hager, and P.M. Pardalos, editors, <i>Network Optimization</i> , volume 450, pages 407-422, Boston, 1996. Kluwer Academic Publishers B.V.
	XX	A.B. Poore and N. Rijavec. A lagrangian relaxation algorithm for multidimensional assignment problems arising from multitarget tracking. <i>SIAM Journal of Optimization</i> , 3, No. 3:544-563, 1993.
	YY	A.B. Poore and N. Rijavec. A numerical study of some data association problems arising in multitarget tracking. <i>Large Scale Optimization: State of the Art</i> , pages 339-361, 1994.
	ZZ	A.B. Poore and N. Rijavec. Partitioning multiple data sets: multidimensional assignments and lagrangian relaxation. In P.M. Pardalos and H. Wolkowicz, editors, <i>Quadratic Assignment and Related Problems: DIMACS Series in Discrete Mathematics and Theoretical Computer Science</i> , volume 16, pages 25-37, 1994.
	AAA	A.J. Robertson III. A class of lagrangian relaxation algorithms for the multidimensional assignment problem. <i>Ph.D. Thesis, Colorado State University, Ft. Collins, CO</i> , 1995.
	BBB	K.R. Pattipati, S. Deb, and Y. Bar-Shalom. A s-dimensional assignment algorithm for track initiation. In <i>Proceedings of the IEEE Systems Conference, Kobe, Japan</i> , pages 127-130, 1992.
	CCC	K.R. Pattipati, S. Deb, and Y. Bar-Shalom. A multisensor - multitarget data association algorithm for heterogeneous sensors. In <i>Proceedings of the IEEE Transaction on Aerospace and Electronic Systems</i> , volume 29, No. 2, pages 560-568, April 1993.
	DDD	Y. Bar-Shalom, S. Deb, K.R. Pattipati, and H. Tsanaklis. A new algorithm for the generalized multidimensional assignment problem. In <i>Proceedings of the IEEE International Conference in Systems, Math, and Cybernetics, Chicago</i> , pages 132-136, 1992.
	EEE	H. Schramm and J. Zowe. A version of the bundle idea for minimizing a nonsmooth function: Conceptual idea, convergence analysis, numerical results. <i>SIAM Journal on Optimization</i> , 2, No. 1:121-152, February, 1992.
	FFF	N.Z. Shor. <i>Minimization Methods for Non-Differentiable Functions</i> . Springer-Verlag, New York, 1985.
	GGG	S.S. Blackman. <i>Multiple Target Tracking with Radar Applications</i> . Artech House, Dedham, MA, 1986.
	HHH	T. Kurien. Issues in the designing of practical multitarget tracking algorithms. In <i>Multitarget-Multisensor Tracking: Advances Applications by Y. Bar-Shalom</i> . Artech House, MA, 1990.
	III	P. Wolfe. A method of conjugate subgradients for minimizing nondifferentiable functions. <i>Mathematical Programming Study</i> , 3:145-173, 1975.
	JJJ	P. Wolfe. Finding the nearest point in a polytope. <i>Mathematical Programming Study</i> , 11:128-149, 1976.
EXAMINER		DATE CONSIDERED